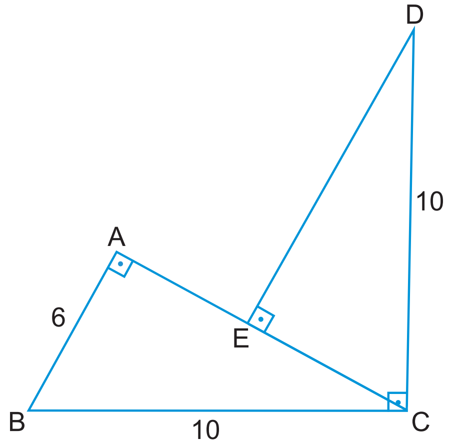
11. SINIF

TEMEL DÜZEY MATEMATİK

2. Ünite

1.



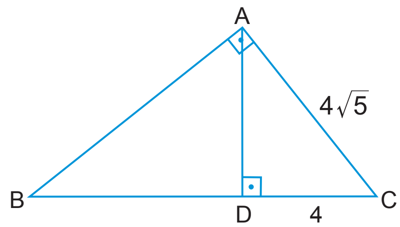
Şekilde ABC ve DEC birer dik üçgen ve

[BA] ⊥ [CA], [DE]⊥ [AC] ve [BC] ⊥ [DC]'tir.

$|BC| = |DC| = 10$ cm ve $|AB| = 6$ cm olduğuna göre $|AE|$ kaç santimetredir?

A) 2 B) 3 C) 5 D) 6 E) 8

2.

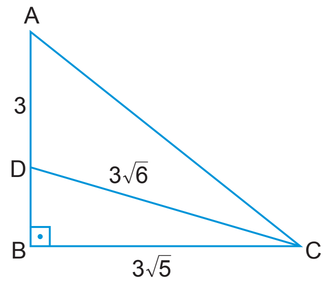


Şekildeki ABC üçgeninde
$[CA] \perp [BA]$ ve $[AD] \perp [BC]$'tir.

$|AC| = 4\sqrt{5}$ cm ve $|DC| = 4$ cm olduğuna göre |AB| kaç santimetredir?

A) 6 B) 8 C) $6\sqrt{5}$ D) $8\sqrt{5}$ E) 16

3.



Şekildeki ABC üçgeninde

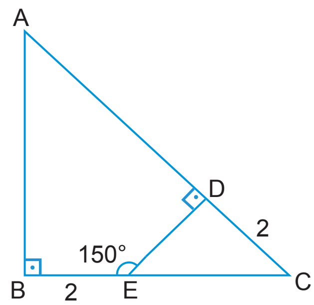
$[AB] \perp [BC]$, $|DC| = 3\sqrt{6}$ cm, $|BC| = 3\sqrt{5}$ cm

ve $|AD| = 3$ cm'dir.

Buna göre $|AC|$ kaç santimetredir?

A) 8 B) 9 C) 10 D) 12 E) 15

4.

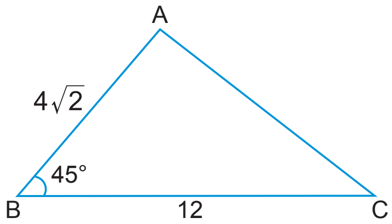


Şekildeki ABC üçgeninde
$[AB] \perp [BC]$, $[ED] \perp [AC]$,
$|BE| = |DC| = 2$ cm ve $m(\widehat{DEB}) = 150°$ dir.

Buna göre |AD| kaç santimetredir?

A) 6 B) 8 C) 9 D) 10 E) 12

5.



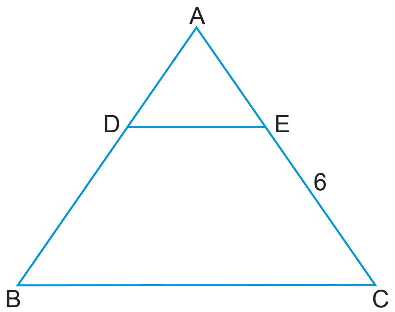
Şekildeki ABC üçgeninde

$m(\widehat{ABC}) = 45°$, $|AB| = 4\sqrt{2}$ cm, $|BC| = 12$ cm'dir.

Buna göre |AC| kaç santimetredir?

A) $3\sqrt{5}$ B) 8 C) $4\sqrt{5}$ D) 9 E) $5\sqrt{5}$

6.



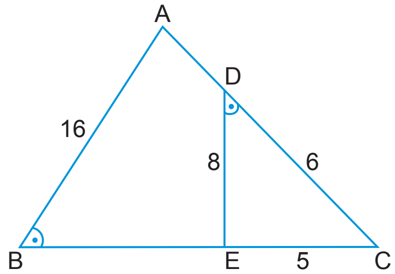
Şekildeki ABC üçgeninde

$[DE] \parallel [BC]$, $5|DE| = 3|BC|$ ve $|EC| = 6$ cm'tir.

Buna göre |AC| kaç santimetredir?

A) 9 B) 12 C) 15 D) 18 E) 20

7.



Şekildeki ABC üçgeninde

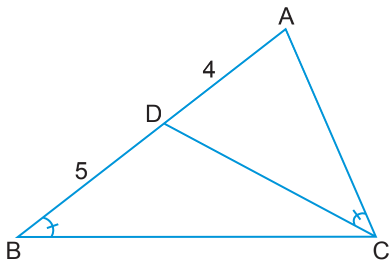
$m(\widehat{ABC}) = m(\widehat{EDC})$, $|AB| = 16$ cm, $|DC| = 6$ cm,

$|DE| = 8$ cm ve $|EC| = 5$ cm'tir.

Buna göre $|BE| - |AD|$ kaç santimetredir?

A) 3 B) 4 C) 5 D) 6 E) 7

8.



Şekildeki ABC üçgeninde

$D \in [AB]$, $m(\widehat{ABC}) = m(\widehat{ACD})$'tir.

$|AD| = 4$ cm, $|BD| = 5$ cm olduğuna göre $|AC|$ kaç santimetredir?

A) 2 B) 3 C) 4 D) 5 E) 6